

Supplemental Table. Changes in sexual risk behavior and AIDS-related psychosocial scales over time (baseline, and 3- and 12-month follow-up) by study condition, after excluding data from network leaders.

Variable	Baseline		3-Month Follow-Up		12-Month Follow-Up
	Intervention	Comparison	Intervention	Comparison	Intervention
AIDS risk-related psychosocial Scales					
AIDS risk knowledge and misconceptions	13.1 (12.7-13.5) ^b	13.0 (12.6-13.4)	13.7 (13.3-14.1)	13.6 (13.2-14.0)	13.8 (13.4-14.2)
Safer sex peer norms	10.6 (10.0-11.1)	10.3 (9.8-10.8)	10.8 (10.3-11.4)	10.5 (10.0-11.0)	11.0 (10.4-11.6)
Condom and safer sex attitudes	12.3 (11.5-13.0)	11.8 (11.2-12.5)	13.0 (12.2-13.7)	12.0 (11.4-12.7)	12.9 (12.1-13.7)
Risk reduction behavior intentions	16.8 (16.1-17.6)	16.2 (15.6-16.9)	18.3 (17.5-19.0)	16.4 (15.8-17.1)	18.0 (17.3-18.7)
Risk reduction self-efficacy	14.9 (14.5-15.3)	14.7 (14.4-15.1)	15.5 (15.1-15.9)	15.2 (14.9-15.6)	15.7 (15.3-16.1)
Changes in overall sexual risk behavior in the past 3 months					
% engaging in unprotected anal intercourse (UAI)	51% (42-59)	58% (51-65)	43% (34-51)	57% (49-64)	44% (36-52)
% engaging in UAI with non-main partners ^c	16% (11-24)	23% (17-31)	10% (6-16)	21% (15-29)	7% (4-13)
Mean percentage of AI without condom use	37.7 (30.3-45.0)	38.9 (32.4-45.4)	30.4 (22.9-38.0)	42.9 (36.2-49.6)	33.4 (25.8-41.0)
% who had UAI with multiple partners	11% (6-20)	19% (12-27)	2% (1-2)	17% (11-26)	3% (1-8)
Total number of UAI acts with all partners	11.8 (8.8-15.9)	11.9 (9.1-15.5)	8.4 (5.9-11.9)	12.6 (9.6-16.6)	11.0 (8.0-14.0)
Total number of AI acts with all partners	24.7 (20.0-30.6)	21.1 (17.2-25.9)	19.7 (15.5-24.9)	19.6 (15.8-24.4)	21.5 (17.0-26.0)
Total number of partners	4.8 (3.0-7.5)	4.5 (2.8-7.1)	3.9 (2.4-6.4)	3.6 (2.2-5.7)	4.1 (2.6-6.6)

^a Mixed-effects repeated measures Poisson, logistic and linear regression model included Condition (Social Network intervention versus Comparison), Country (Hungary versus Russia), Time period (baseline and 3- and 12-month follow-up) and fixed-effects interactions, and two random-effects (network and subject). Non-leader network members (Baseline N=490; 3-month follow-up N=447; and 12-month follow-up N=442). Test of Condition x Time period interaction p-value.

^b Estimated means, percents and associated 95% confidence intervals (CI) are back-transformed regression model least squares estimates.

^c Non-main partners include casual and commercial partners as well as any partners beyond the 5 most recent.